Freeview 500GB High Definition Digital Video Recorder







Toll Free Waranty and Service Support Line: 1800 509 394 The Gold Technical Support Line:1902 215 259

(Charges will apply at \$2.95 per minute)

BVR501FV

IMPORTANT: Please read all instructions carefully before use and keep for future reference

Introduction

Thank you for buying this Bush product, which is designed to give you many years of trouble-free service.

You may already be familiar with using a similar unit, but please take time to read these instructions. They are designed to familiarise you with the unit's many features and to ensure you get the very best from your purchase.

Safety is important

Your safety and the safety of others is important. Please therefore, ensure you read the "Safety Instructions" before you operate this unit.

Warranty

In the unlikely event that your product fails to work normally, please call the below toll free phone number to discuss the problem with one of our qualified service engineers.

Australia.

Bush Warranty: 1800 509 394

New Zealand

Bush Warranty: 0800 450 259





Welcome

Thank you for choosing this **BUSH** Freeview High Definition Digital TV Recorder.

You will be able to receive all Freeview, High Definition and Standard Definition digital TV Channels, as well as detailed Freeview program information with the Freeview Electronic Program Guide. You can record two channels simultaneously, pause live TV and watch it back at a time which suits you.

It's really simple to use; it's all done using the clear, easy to understand on-screen menus which are operated from the remote control. It also has a reminder function so that you won't miss your favourite programs.

For more information about Freeview visit www.freeview.com.au

Safety is important

Use of any electrical equipment should be undertaken with care. Please read the safety section on pages 30 and 31 before using the Freeview Digital TV Recorder. This appliance is for household use only.

freeview

A Freeview Digital TV Recorder gives you access to up to 16 free-to-air channels, with no fees or subscriptions. For more information on Freeview please visit, www.freeview.com.au



A digital box lets you access the free digital channels that are broadcast in Australia. It uses a digital signal, received through your normal aerial and lets you watch it through your existing television.

DIGITAL PLUS

This product is capable of receiving and decoding Dolby Digital Plus.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.



This product has a HDMI connector so that you can watch high definition TV via a HDMI lead when connected to a HD Ready TV.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

What's in the box?



Other things you may need

You will need a wideband rooftop aerial in order for your Freeview Digital TV Recorder to work properly.

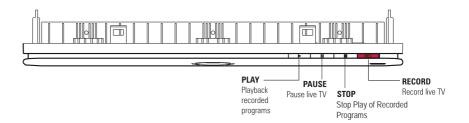
See www.bushaustralia.com.au for more information.

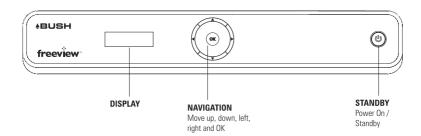
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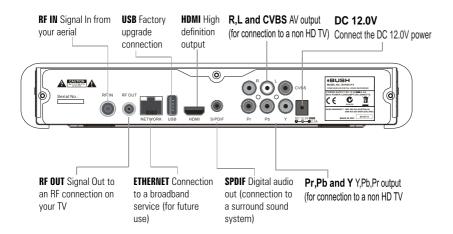
Your Digital TV Recorder

Front



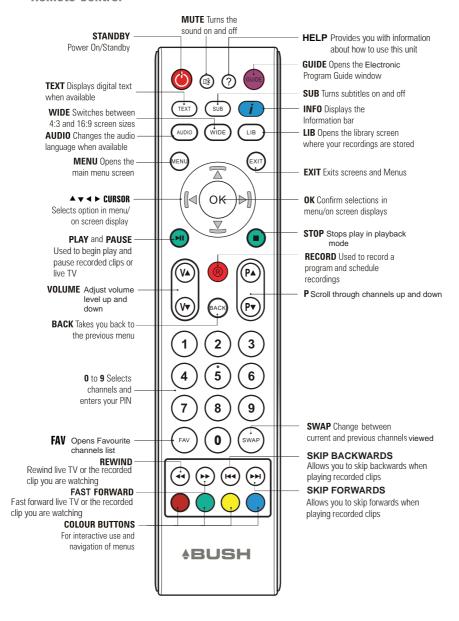


Rear



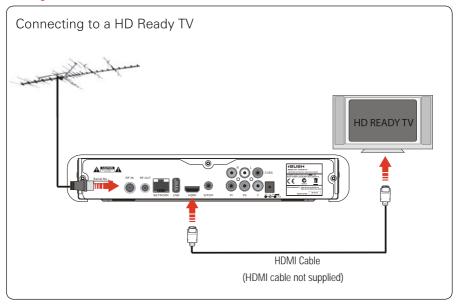
02 Your Remote Control

Remote Control



Setting Up 03

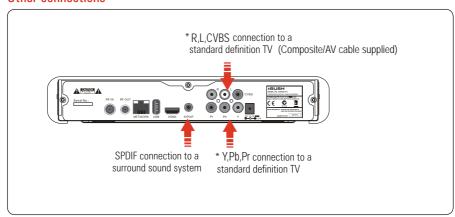
Getting connected



Connect the cable that comes from your aerial to the RF IN socket on the back of your Digital TV Recorder.

For the highest definition connection, connect the HDMI cable between the 'HDMI' socket on the back panel of your Digital TV Recorder and the HDMI socket on your TV.

Below are the other standard connections that can be used to connect your Digital TV Recorder to your TV. **Other connections**

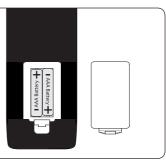


04 Getting Started

1

Put batteries in the remote control

Open the battery cover of the remote control and put two AAA size batteries so that the '+' and '-' marks on the batteries match the '+' and '-' marks inside the remote control. Replace the battery cover.



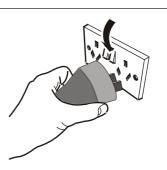
2

Plug in and switch on

Connect the AC plug to the wall outlet.

Switch your TV on and select connection source.

Your Digital TV Recorder will turn on automatically.



3

The first time install screen

The first time install screen will appear.

Follow the instructions on the screen to complete the installation.



Daily use

We have divided this book into separate sections, so that you can find the information you are looking for easily. This section covers the day to day functions that you will use most often.

Using standby

When you are not watching TV, you should set your Freeview Digital TV Recorder to standby.

Press the **STANDBY** button to switch between on and standby (LED will display the current time).

If you plan to leave your Freeview Digital TV Recorder unattended for a long time, put the Freeview Digital TV Recorder in standby and wait 6 minutes before switching it off at the mains.

Choosing a program

Open the Electronic Program Guide (EPG) by pressing the **GUIDE** button.

Use the ▲ and ▼ buttons to select different channels

When you have chosen your program, press the **OK** button to watch it.

Changing channel

You can also select the channel you want to watch by using the **P** \blacktriangle button and **P** \vee button on the remote control.

Alternatively you can use the number buttons to key in the channel number.

When you change the channel the channel information bar will be displayed for a few seconds.

This displays the details of the program currently showing and the next program.





Changing the volume

You can change the volume using the **VOL** ▲ and ▼ buttons on the remote control.

You can turn off the volume by pressing the **MUTE** button. To turn it back on, press the **MUTE** button again.

The information screen

Press **i** key to show the program information.

Use the ▲ and ▼ buttons to change the program information being displayed.

Audio channel

Sometimes different audio languages are available with certain programs or channels

Press the **AUDIO** button to see the available languages.

Use the ▲ and ▼ buttons to select a different audio channel.

Press the **OK** button to confirm the setting.

Subtitles

Press the **SUB** button to toggle through the subtitle options or to turn them on or off.

DON'T FORGET! Not all programs have subtitles.

Aspect ratio

You can select the aspect ratio or screen size which best suits your TV. The options are 16:9 Full screen, wide screen, letter box; 4:3 Center cut out,wide screen and letter box.

Press the **WIDE** button to toggle between the available aspect ratios.

Back button

Press the **BACK** button to return to the previous screen or menu.

Daily Use 05

Pausing Live TV

This function is also known as time shifting and is very useful if you are watching a program and the phone rings.

To pause live TV, press the **PAUSE** button. The time counter will start and show the amount of time that the program has been paused.

To continue to watch TV, press the **PLAY** button and the program will continue from where you paused it.

You can fast forward and rewind using the ►► and ► buttons.

Please go to setting menu to set the skip pace.

The options are:

>> x2, x4, x8, x16, x32

◄ x2, x4, x8, x16, x32

Use the colour keys for slow motion:

Blue: slow forward, options are: 1/2,1/4,1/8 Red: slow backward, options are: 1/2,1/4,1/8

To stop time shifting mode and go back to live TV, press the **STOP** button.

Digital text

Your Freeview Digital TV Recorder gives you access to digital text.

Digital text services vary depending on the country and channel.

Press the **TEXT** button to view digital text. The index page will be displayed.

Use the **NUMBER** buttons to enter a page number or alternatively use the **RED**, **GREEN**, **YELLOW** or **BLUE** buttons to access shortcuts.

Interactive digital text lets you interact with some TV programs and channels.

The main menu

You can easily access the library, channel organiser and various configuration menus through the main menu.

To open the main menu, press the **MENU** button.

Use the ▲ and ▼ buttons to navigate the main menu.

Press the **OK** button to select an option or setting.

Library - You can open the library window from the main menu. For further information about the library window, see page 17.



Channel Organiser - You can open the channel organiser from the main menu. For further information about the channel organiser, see page 16.

Settings - The settings menu lets you configure the audio and visual settings of the Freeview Digital TV Recorder.

For further information about the settings menu, see page 19.

Retune - The retune menu lets you retune the Freeview Digital TV Recorder. For further information about the retune menu, see page 21.

System Information - The system information menu provides important information about your Freeview Digital TV Recorder.

Swap

Press the **SWAP** button to switch between the current and previous channels viewed.

Electronic Program Guide



Navigation

You can open the program guide window by pressing the **GUIDE** button on the remote control. The guide shows you all of the programs and channels available for the next 7 days.

Use the ▲ and ▼ buttons to select different channels.

Use the \triangleleft and \triangleright buttons to select the program.

The **RED** button can be used to schdule EPG recording. The **Green** button can be used to schedule reminder.

When you have chosen your program, press the **OK** button to watch it.

The **YELLOW** button will move backwards 24 hours and the **BLUE** will move forwards 24 hours.

Guide icons

Reminder icon	When the reminder has been set, the reminder icon will appear next to the program name.
R icon	This program is scheduled to be recorded

Setting a reminder

You can use the reminder function to let you know when a program is going to start.

Use the ◀ and ▶ buttons to select a program.

Press the **GREEN** button to set the reminder.

When the reminder has been set a clock icon is shown before the program name.

DON'T FORGET! To cancel a program reminder, highlight the program where the reminder has been set, and press the **GREEN** button. The reminder icon will disappear and the reminder will be cancelled.

Electronic Program Guide

When the program is about to start, a warning screen will be displayed. You can press the **OK** button to view the program which you've set as a reminder or press the EXIT button to continue watching the current program.

Setting a recording

06

You can record two programs at the same time using this Freeview Digital TV Recorder.

Select the program you want to record and press the RED button. If the program is part of a series, a pop-up will appear asking you to press the RED button to record only the program you selected, or to press the BLUE button to record the series. When a recording has been set the record icon will appear next to the program name.

One-touch recording

If you want to record the program you're watching, instead of choosing it from the EPG, you can also press the RECORD button to begin recording.

You can choose in your library the program you'd like to watch by pressing the LIB button to enter the Recording list.

DON'T FORGET! You can change the channel and watch a program or recording when the Freeview Digital TV Recorder is recording.

Recording Clashes

If you try to record more than two programs at the same time, you will see a warning screen which will indicate for you to check the other recordings.

Use the ▲ and ▼ buttons to select the recording you want to cancel and then press the RED button to cancel the recording.

Channel List 06

You can open the channel list window from the main menu.



This channel list allows you to lock channels.



Channel list icons



This channel has been locked and will require the parental PIN to unlock it.

07 Channel Organiser

Locking a channel

You can lock any channel so that it can only be accessed once the parental PIN has been successfully entered. You may want to do this to prevent children from viewing unsuitable programs.

Use the ▲ and ▼ buttons to select the channel that you want to lock. Press the **GREEN** button. The lock code window will appear.

The lock code window will appear again. Use the **NUMBER** buttons to enter the parental PIN and then press the **OK** button. The **\(\hat{\text{0}} \)** icon will no longer be displayed.



Use the **NUMBER** buttons to enter the parental PIN and then press the **OK** button. The **\text{\OK}** icon will be shown at the right hand side of the channel name.

DON'T FORGET! The default parental PIN is 0 0 0 0. If you have forgotten your guidance PIN, please visit www.grundig.net.au for assistance.

To unlock a channel, use the ▲ and ▼ buttons to select the channel that you want to unlock and then press the **GREEN** button. The lock code window will appear again, use the **NUMBER** buttons to enter the parental PIN and then press **OK** button, the â icon will no longer be displayed.

The Library Window



Navigation

You can open the recordings library window by pressing the **LIB** button. This shows you all of your recorded and scheduled programs.

Use the \triangle and ∇ buttons to select each program.

Watching a program

Programs that have finished recording are marked as RECORDED.

Programs that are recording are marked as RECORDING.

Use the ▲ and ▼ buttons to select a program you want to watch.

Press the **OK** button to start playback.

DON'T FORGET! You can start to watch back a program that is recording and don't have to wait for it to finish.

Previewing a recording

You can preview a recorded program in the preview window in the recordings library.

Renaming a recording

To rename a recording press the YELLOW button. A keypad will appear.



Use the buttons as directed on the keypad to rewrite the program name as shown at the top of the keypad.

When you have finished, **move the focus to ENTER** and press the **OK** button to confirm and go back to the Library window.

Press the **EXIT** button at any time to go back to the Library window, your changes will not be saved.

Deleting a recording

Use the ▲ and ▼ buttons to select a program you want to delete. Press the **RED** button to delete.

Locking a recording

You can lock a recording so that it can only be accessed once the parental PIN has been successfully entered. You may want to do this to prevent children from viewing unsuitable programs.

Use the ▲ and ▼ buttons to select the recording that you want to lock. Press the GREEN button. The Lock icon will be displayed at the right hand side of the Program Name column.

Use the GREEN button and number buttons to enter the parental PIN and then press the **OK** button. The **\(\Delta\)** icon will be shown at the right hand side of the Status column

DON'T FORGET! The default parental PIN is 0 0 0 0. If you have forgotten your parental PIN, please visit www.grundig.net.au for assistance

To unlock a recording, use the ▲ and ▼ buttons to select the recording that you want to unlock and then press the **GREEN** button. The lock code window will appear again. Use the **NUMBER** buttons to enter the parental PIN and then press the **OK** button. The ♠ icon will no longer be displayed.

HDD information

The HDD information bar shows the state of the Hard Disk Drive (HDD).

The GREY part is the amount of free space.

The BLUE part is the amount used by recordings.



Settings Menu

To open the settings menu, press the **MENU** button on the remote control and then select 'Settings'. Press the **OK** button to confirm.

Changing the settings

Use **◄** and **▶** buttons to select a main setting category.

Use the \triangle and ∇ buttons to select a setting category.

Press the **OK** button and then use the ◀ and ▶ buttons to view the available options for a setting category.

If you want to change a setting, use the ◀ and ▶ buttons to select a setting option.

To exit the settings menu, press the **EXIT** button or alternatively press the **BACK** button to return to the main menu.

Subtitles



Subtitles Language - This setting is your preferred language. The default language is English.

HDMI Output



This is the setting which controls the video resolution when your set top box is connected to your TV using a HDMI cable. You can choose between 576p, 720p, 1080i, 1080p and Auto.

You should choose 720p if you have a first generation HD Ready TV or 1080p if you have a full HD Ready TV. If you are unsure of what HDMI video resolution your TV can use, you should refer to the documentation supplied with your TV or contact your retailer.

Audio Output



Lip-sync



This allows you to adjust the synchronisation between the audio and video. This is not necessary for normal installation and is only sometimes required when connected to a surround sound system.

To adjust the synchronisation, use the $[\ \ \]$ button to select 'Lip-sync'. Press the $[\ \ \ \]$ button to select 'change settings' then press the $[\ \ \ \]$ button.

The default setting is 0 ms (milliseconds).



Use the [◀] and [▶] buttons to adjust the synchronisation. Press the [EXIT] button to return to live TV.

Menu Transparency



This allows you to set the menu transparency.

Parental lock



This setting allows you to make changes to the parental PIN. The default setting is that you don't have to enter a PIN (Off).

To change the password you have to enter your old password, enter the new password and then confirm the new password.

DON'T FORGET! The default PIN is 0 0 0 0. You will need to enter the current parental PIN before you are allowed to change it. If you have forgotten your PIN, visit www.grundig.net.au for assistance.

Time Shifting



This setting allows you to set the Time Shift pause options for pause and rewinding live TV. You can select:15min, 30min, 60min, 120min, 180min,

Settings Menu

Erase Hard Disk

This setting reformats the HDD.



DON'T FORGET! Reformating the HDD will erase all your previously recorded programs, including programs that have been locked

Quick Skip Delay



This provides the time duration option for Quick Skip when you are watching or pausing live TV in timeshift mode. You can choose between 10s, 30s, 40s or 60s.

IP Settings



This settings allows you to choose the connecting type and set the IP to connect to the internet.

Software Upgrade



The Digital TV Recorder will automatically search for new software whenever the Digital TV Recorder is placed in standby. If you want to manually search for software updates this can be done in one of two ways using the 'Software Upgrade' setting.

To manually search for software updates, use the [▲] and [▼] buttons to select 'Software Upgrade'. Press the [OK] button to check for all available software upgrades. The following screen will appear.



The Digital TV Recorder will first search the USB socket for any downloaded software upgrades. If none are found, then the Digital TV Recorder box will search for Over-Air Downloads (OADs). OADs can be received through your aerial and are transmitted when an upgrade to your Digital TV Recorder is required.

DON'T FORGET! New software may be available on our support site. Go to www. grundig.net.au and follow the on-screen instructions. The USB stick must be FAT32 formatted. The software upgrade must be saved in the route directory of the USB memory stick.



If a software upgrade is found, use the [▲] and [▼] buttons to select 'Download and install now'. Press the [OK] button to download the software upgrade. Alternatively, select 'Remind me later' to install the software upgrade at a later time.



When the software is successfully downloaded, a confirmation message will be displayed. After upgrade, press the ok button and the Digital TV Recorder will be restarted.

Factory Reset

This setting allows you to reset all your settings and perform a first time installation. For more information on first time installations, see page 8.

DON'T FORGET! By performing a first time installation you will reset all options in the settings menus and cancel reminders.

The retune menu allows you to search for new channels.

DON'T FORGET! You cannot perform a retune whilst recording.

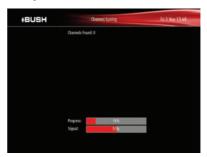
To open the retune menu, press the **MENU** button on the remote control and then select **Retune**.

A warning screen will appear to tell you that all the channels will be retuned.



Use the ◀ and ▶ buttons to select **Yes** to retune or **No** to exit Retune.

Select **Yes** and your Freeview Digital TV Recorder will search for all available channels. The progress and signal strength bars are shown for reference.



When the retune is complete, the first available channel will be displayed.

11 System Information Menu

To open the system information menu, press the **MENU** button on the remote control and then select 'System Information'. Press the **OK** button to confirm.

The system information menu provides important information about your Freeview Digital TV Recorder.



In the unlikely event that you have to contact the helpline, you should have the system information menu open.

Frequently asked questions

Frequently asked question	What you can do
The Freeview Digital TV Recorder will not switch on. What should I do?	Check the mains power cable and make sure it is plugged into a suitable power outlet. Check that the mains supply is switched On. Connect the power cable to a different power outlet.
The Freeview Digital TV Recorder does not seem to work and there is nothing shown on the TV.	 Is the LED display showing the time? If it is: Press the STANDBY button on your remote control, or press the Power button on the front panel. Make sure that all cables are firmly connected to the Digital TV Recorder and TV. Check that the Digital TV Recorder is properly plugged into the power supply. If the LED display is not showing the time: Check you have the correct channel and input selected on your TV. Check that all cables are correctly attached. Check the brightness level of the TV.
The picture appears to be 'squashed' or 'cut off'.	Make sure the aspect ratio settings are suitable for your TV. For more information, see page 20.
I forgot to plug in the aerial when I set up the Freeview Digital TV Recorder. What should I do?	Switch off your Freeview Digital TV Recorder at the mains supply. Plug in the aerial. Switch the Freeview Digital TV Recorder mains supply back on and perform a retune. For more information, see page 21.

Frequently asked question	What you can do
The picture or sound keeps breaking up.	There are several possible causes of this type of problem.
	Your signal may be weak, you may have an old, low performance or damaged aerial, or the cable between your aerial and TV may be damaged. Check for any obvious damage to the aerial and cables and make sure that the connectors are properly fitted. If this does not work, get a professional to check the installation — your aerial may provide a better signal if it is moved somewhere else.
	Please remember that older aerials and indoor aerials aren't as effective as new outdoor and roof aerials. Or, try using a signal amplifier or booster to improve the reception. Check the digital TV coverage in your area. For more information about digital TV reception, please visit www.freeview.com.au.

Help and Advice

Frequently asked question	What you can do
No channels were found when searching for channels. I am missing some channels.	Some TV channels are not available in every area.
	Use the postcode checker on www. freeview.com.au.
	Your signal may be weak. Get a professional to check your installation — your aerial may provide a better signal if it is moved somewhere else. Please remember that older aerials and indoor aerials aren't as effective as new outdoor and roof aerials. Or, try using a signal amplifier or booster to improve reception. You may need to scan the digital channels again. For more information on retuning, see page 21.
I cannot see digital channels after I have moved the Digital Video Recorder to a different house.	You will need to retune your Digital Video Recorder. For more information on retuning, see page 21.
I have forgotten my guidance PIN.	Contact the helpline on 1902 215 259 who will be able to help you reset your PIN. Don't forget to have your system information available. For more information, see page 22.

12 Help and Advice

Frequently asked question	What you can do
The Freeview Digital TV Recorder is behaving in an unusual way, for example, the wrong information is on the screen.	Press the STANDBY button on your remote control to turn the Freeview Digital TV Recorder off and then on again. If there is no improvement, put the Freeview Digital TV Recorder in standby, switch it off at the mains and leave it for 10 seconds before switching
	it back on.
	If this does not solve the problem, contact the helpline on 1902 215 259 who will be able to help diagnose the problem. Don't forget to have your system information available. For more information, see page 22.
Can I change the audio language for the program I am watching?	Yes. Some channels broadcast other audio languages. Press the AUDIO button when you are watching a program to see if other languages are available.
If the power is unexpectedly cut to your Digital Video Recorder, it may affect the HDD ability to work normally. We recommend that if this happen you need to format the HDD.	

Need any help or information setting up?

You may find the information you are looking for on our web site. www.bushaustralia.com.au

or on the freeview website www.freeview.com.au

If you still need help or information you can phone our call centre on: 1902 215 259

General	
Model Number	• BVR501FV
Power Supply	• DC 12V 2.5A
Power Consumption: Standby Nominal Use	• < 3W • 16W Max
Dimensions	• 300mm(W)x55mm(H)x260mm(D)
Weight	• 1.75kg

IMPORTANT: Due to continual revision and improvements to our products design, specifications are subject to change without notice.

General Safety

This Freeview Digital TV Recorder has been designed and manufactured to meet the Australian safety standards, but like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read these operating instructions before you attempt to use the Freeview Digital TV Recorder.

Do ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made in accordance with the manufacturer's instructions

Switch off and remove the mains plug when making or changing any connections.

Do consult your retailer if you are ever in doubt about the installation, operation or safety of your Freeview Digital TV Recorder.

Don't continue to operate the Freeview Digital TV Recorder if you are ever in doubt about it working normally, or if it is damaged in any way. Switch it off withdraw the plug from the mains and consult your retailer.

Don't remove any fixed covers as this may expose you to dangerous voltages.

Don't leave the Freeview Digital TV Recorder switched on when it is unattended for long periods of time. unless it is specifically stated that it is designed for unattended operation or has a standby mode.

Make sure that other people in your household are conversant with the Freeview Digital TV Recorder.

Don't obstruct the ventilation vents on the Freeview Digital TV Recorder. for example with curtains or soft furnishings.

Overheating will cause damage and shorten the life of the product.

Don't allow electrical equipment to be exposed to rain or moisture.

Store the Freeview Digital TV Recorder in a clean, dry environment.

Do not use any cleaning solutions on the Freeview Digital TV Recorder.

Warranty 15

Please keep your receipt as proof of purchase. This product is warranted for any defect in materials or workmanship for one year after the original date of purchase. This product is for normal domestic and office use only. This warranty does not cover damage from misuse or neglect, accidental damage, vermin infestation, excessive voltages such us lightning or power surges or any alternation that affects the performance or reliability of the product.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

In the unlikely event that your product fails to work normally, please contact the **Bush Warranty on 1800 509 394 (Australia) or 0800 450 259 (New Zealand)** and have your receipt of purchase on hand.

This warranty is subject to the following provisions:

- It is only valid within boundaries of the country of purchase;
- The product must be correctly assembled and operated in accordance with the instructions contained in the manual;
- This product must be used solely for domestic purposes;
- The warranty does not cover accidental damage;
- The warranty will be rendered invalid if the product is resold or has been damaged by inexpert repair;
- The manufacturer disclaims any liability for incidental or consequential damaged.

This warranty is in addition to, and does not diminish, your statutory or legal rights.

PO BOX 6287 Silverwater NSW 1811 www.bushaustralia.com.au

Bush Warranty: 1800 509 394 Australia Bush Warranty: 0800 450 259 New Zealand





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